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Our File No. 9281-4799  
Client Reference No. N US02192

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Masamichi Saito )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For: CPP Giant Magnetresistive Head With )  
Large-Area Metal Film Provided )  
Between Shield and Element )

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits references A1-A12 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of the references are enclosed herewith.

Japanese Unexamined Patent Application Publication Nos. 2002-319112, 2000-123325, 2001-307307 and 2002-232040 disclose a CPP GMR head comprising a wider electrode portion than an element.

Japanese Unexamined Patent Application Publication Nos. 2001-266313, 2002-314168 and 2002-305338 disclose bias means are disposed on the outside of an element.

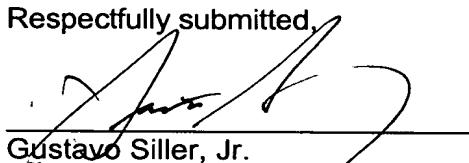
The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest these references as prior art against the present application, and Applicant does not believe that the disclosure of these references, even if finally

determined to be prior art, anticipates Applicant's invention or that these references make Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure of these documents and make them of record.

Respectfully submitted,



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<p>FORM PTO-1449</p> <p><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b></p> <p>(use several sheets if necessary)</p>	SERIAL NO.	CASE NO.
	To be Assigned	9281-4799
	FILING DATE Herewith.	GROUP ART UNIT
APPLICANT(S): Masamichi Saito et al.		

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	TRANSLATION NO
A6	2002-319112	10/2002	Japan		X	
A7	2000-123325	04/2000	Japan		X	
A8	2001-307307	11/2001	Japan		X	
A9	2002-232040	08/2002	Japan		X	
A10	2001-266313	09/2001	Japan		X	
A11	2002-314168	10/2002	Japan		X	
A12	2002-305338	10/2002	Japan		X	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.